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ANSWER 1 CA COPYRIGHT 2000 ACS

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TI Transparent heat-reflecting layers of tin oxide on glass

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PA Czech.

SO Czech., 3 pp.

CODEN: CZXXA9

DT Patent

LA Czech

IC C03C017-23

CC 57-1 (Ceramics)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CS 220175	B	19830325	CS 1981-9007	19811204
AB	Light green SnO ₂ glass coatings contg. 2.5-3.5% F with 70-87% transmission in the visible region and 70-80% reflection in the 5-12 .mu. region are prepd. by spraying a mixt. of 100 g MeSnCl ₂ , 100 mL distd. water, and 4-5 mL HF on a hot glass surface (640-650.degree.). A similar layer contg. 1% Sb instead of F was prepd. by treating a 580.degree. glass surface with a 1:0.8 vapor mixt. of SnCl ₂ and SbCl ₃ .				
ST	tin oxide glass coating; glass coating heat reflecting; antimony tin oxide glass coating; fluoride tin oxide glass coating				
IT	Glass, oxide (coatings on, tin oxide, transparent heat-reflecting)				
IT	Coating materials (heat-reflective, transparent, antimony tin oxide and tin oxyfluoride, on glass)				
IT	18282-10-5				
	(coatings, contg. antimony and fluoride, transparent heat-reflecting, on glass)				
IT	7772-99-8,				
	reactions RL: RCT (Reactant) (reaction of, with hydrogen fluoride and antimony chloride, in oxide coating on glass)				
IT	7664-39-3,		10025-91-9		
	reactions RL: RCT (Reactant) (reaction of, with tin chloride, in oxide coating on glass)				
IT	7440-36-0,			16984-48-8,	
	uses and miscellaneous (tin oxide coatings contg., transparent heat-reflecting, on glass)				